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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/838,139	04/20/2001	Katsumi Mabuchi	503.34897CC3	503.34897CC3 2882	
20457	7590 04/23/2002				
ANTONELLI TERRY STOUT AND KRAUS			EXAM	EXAMINER	
	H SEVENTEENTH STR	SHULMAN, MARK S			
ARLINGTO	N, VA 22209		ART UNIT	PAPER NUMBER	
			3744		
			DATE MAILED: 04/23/2002		

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary  Examiner  And Unit  Mark S. Shulman  3744								
Examiner    Mark S. Shulman   S. Art Unit   Mark S. Shulman   Shulma		Application No.	Applicant(s)					
Examiner		09/838,139	MABUCHI ET AL.					
- The MAILING DATE of this communication app ars on th cov r sh t with the correspondence address — Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ② MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of term may be availated under the provisions of 3°CR* 1.13(a). In no event, however, may a reply be timely filled by the period for reply specified above in less them thirty (30) days, and provided above in less them thirty (30) days, and provided above in less than thirty (30) days, and provided above in less than thirty (30) days, and provided above in less than thirty (30) days, and provided above in less than the thirty (30) days, and provided above the period for reply specified above in less than the thirty (30) days, and an advantage of the communication of the provided above the second state of the communication of the provided above the period and the provided above the second state of the provided above the second state of this communication is the period and the provided above the second state of this communication, and a finely filed, may reduce they cannot be provided above the provi	Office Action Summary	Examiner	Art Unit					
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - Exhausters of time may be available under the provisions of 37 CFR 1.136(s). In no event, however, may a reply be limitly filled  - Exhausters of time may be available under the provisions of 37 CFR 1.136(s). In no event, however, may a reply be limitly filled  - Exhausters of time may be available under the provisions of 37 CFR 1.136(s). In no event, however, may a reply be limitly filled  - Exhausters of the mail of the provision of the mail of the provision of t	According to the Control of Control							
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1)  Responsive to communication(s) filed on  2a)  This action is FINAL. 2b)  This action is non-final.  3)  Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4)  Claim(s) Bis/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5)  Claim(s) And B is/are allowed.  6)  Claim(s) is/are objected to.  8)  Claim(s) is/are objected to.  8)  Claim(s) is/are objected to.  8)  Claim(s) are subject to restriction and/or election requirement.  Application Papers  9)  The precification is objected to by the Examiner.  10)  The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11)  The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner.  If approved, corrected drawings are required in reply to this Office action.  12)  The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a)  All b)  Some * c) None of:  1.  Certified copies of the priority documents have been received in Application No  2  application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 (a provisional application).  a)  The translation of the foreign language provisional application has been received.  15)  Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 (a provisional application).  a) The translation of the foreign language provisional application has been received.  1	A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).							
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### **DETAILED ACTION**

## Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 2-4, 6 are rejected under 35 U.S.C. 102(b) as being anticipated by Itoh et al. (4,912,934). Itoh discloses a vapor absorption refrigerator with a high temperature regenerator (1a) which forms an anti-corrosive film on the inside wall of the regenerator (col. 5, lines 45-66).

## Allowable Subject Matter

3. Claims 5 and 7-8 are allowed.

#### Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Itoh et al. (4,487,036) teaches the use of an oxide film which is produced in the regenerator.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark S. Shulman whose telephone number is (703) 305-0247. The examiner can normally be reached on Mon.-Thur. 7:30am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Denise Esquivel can be reached on (703) 308-2597. The fax phone numbers for the organization where this application or proceeding is assigned are (703)

308-7764 for regular communications and (703) 305-3463 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-

MS April 17, 2002 WILLIAM DOERRLER
PATENT EXAMINER
GROUP 3400